

Substitute for form 1449A/PTO &amp; 1449B/PTO

**FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

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**Application Number**

Unassigned

**Filing Date**

October 19, 2004

**First Named Inventor**

Motoo Sumida et al.

**Examiner Name**

Unassigned	
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Attorney Docket Number

030685-045

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

## NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	<del>VINCENT et al. "Variation de la composition en acides gras des monoesters de zeaxanthine et d'astaxanthine dans l'ovaire et l'hépatopancréas de <i>Panaeus schmitti</i> au cours de l'ovogenèse," Archives Internationales de Physiologie et de Biochimie, 1989, pp. 71-78, vol. 97, no. 1.</del>

Examiner Signature	/Yate Cutliff/	Date Considered	10/26/2007
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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5 2005 **SECOND**  
**INFORMATION DISCLOSURE**  
**STATEMENT BY APPLICANT**

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Sheet

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**Complete if Known**

Application Number

10/511,829

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Examiner Signature	/Yate Cutliff/	Date Considered	10/26/2007
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Sheet 1 of 1

Form PTO-1449

U.S. Department of Commerce

Date Filed: September 13, 2007

DOCKET NO. 47233-0045

APPLN. NO. 10/511,829

APPLICANT: Motoo SUMIDA et al.

FILING DATE: October 20, 2004

GROUP 1623

## U.S. PATENT DOCUMENTS

Initial	Document Number	Date	Name	Class	Subclass	Filing Date if appropriate

## FOREIGN PATENT DOCUMENTS

Initial	Document Number	Date	Country	Class	Subclass	Translation Yes/No/Abstract

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, etc.)

/Y.C./	International Search Report dated July 28, 2003, in PCT/JP03/05433 filed April 28, 2003

Examiner Signature:

/Yate Cutliff/

Date Considered:

10/26/2007

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Sheet 1 of 1  
Form PTO-1449

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**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if appropriate

**FOREIGN PATENT DOCUMENTS**

Document Number	Date	Country	Class	Subclass	Translation Yes/No/Abstract

**OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, etc.)**

Y.C.	Kamata, Tadashi et al, Study of Astaxanthin Diester Extracted From Adonis Aestivalis, Comp. Biochem. Physiol., Vol 86B, No. 3, 1987, pp 587-591.

Examiner Signature: /Yate Cutliff/ Date Considered: 10/26/2007

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